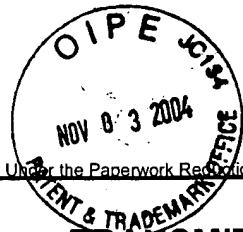


11-04-04

1636



PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031
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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

		Application Number	09/903,508
		Filing Date	July 13, 2001
		First Named Inventor	Charles Abbas, et al.
		Art Unit	1636
		Examiner Name	Lambertson, David A.
Total Number of Pages in This Submission	13	Attorney Docket Number	030706

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Certificate of Express Mailing Postcard
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Buchanan Ingersoll PC		
Signature			
Printed name	Duane A. Stewart III		
Date	November 3, 2004	Reg. No.	54,468

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ATTORNEY'S DOCKET NO.

030706

IN RE APPLICATION OF:

Charles Abbas, et al.

Application Serial No.:

09/903,508

Filing Date:

July 13, 2001

Title:

Transformation Systems for Flavinogenic Yeast

Group Art Unit

1636

Examiner

Lambertson, David A.

Express Mail mailing label number: EV 418517799 US

Date of Deposit: November 3, 2004

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Ellie Pingree

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11-04-04

1636

Atty. Ref. No. 030706 JFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : **PATENT APPLICATION**
Charles Abbas, et al. :
: TRANSFORMATION SYSTEMS FOR
: FLAVINOGENIC YEAST
Serial No.: 09/903,508 :
Filed: July 13, 2001 : Group Art Unit: 1636
Examiner: Lambertson, David A.

Pittsburgh, Pennsylvania 15219
November 3, 2004

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

AMENDMENT AND REPLY TO NON-FINAL OFFICIAL ACTION

Sir:

This is in response to the Non-Final Official Action mailed August 24, 2004, in connection with the above-captioned Application, having a statutory period for response set to expire November 24, 2004. It is believed that this Amendment and Reply is timely without the need for an extension. If an extension is necessary to make the Amendment and Reply timely, kindly grant one and charge any fee associated with the extension to deposit account no. 02-4553. The Examiner's objections and rejections have been carefully considered, and in view of the following remarks and amendments, reconsideration and early allowance of all pending claims is courteously requested.

Please amend this Application as follows:

Amendments to the Claims are reflected in the Listing of Claims, which begins on page 3 of this Amendment.

Remarks/Arguments begin on page 7 of this Response.